Deduction	Act of 1995, no persons are required to res	U.S. Patent and Trader pond to a collection of informa	nark Office. U.S tion unless it dis	plays a valid OMB co	introl number.		
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PATENT APPLICATION TRANSMITTAL		Title UPRIGHT		TYPE VACUUN	Ta S		
(Only for new nonprovisional applications under 37 CFR 1.53(b))		Express Mail Label No.	96	7332976	いまま		
			Mail Stop Pate Commissions	ent Application	60		
APPLICATIO See MPEP chapter 600 concerni	ON ELEMENTS  Ing utility patent application contents.	ADDRESS TO:	P.O. Box 1450 Alexandria V	1	223		
5. Oath or Declaration a. Newly executed (original for continuation division)  i. DELETION OF I Signed statement a name in the prior a 1.63(d)(2) and 1.33  6. Application Data She	Intity status.  [Total Pages 22 ]  forth below)  ention ed Applications sponsored R & D  sting, a table, ting appendix on ention rawings (if filed)  [Total Sheets	8. Nucleotide and/or A (if applicable, all ned a. Compute b. Specificati. CD ii. Pa c. Statement ACCOMPAN  9. X Assignment 37 CFR 3.73 (when there 11. English Transport 12. Information Statement (Information Statement (Informatio	ram (Appending Amino Acid Secessary) r Readable Footion Sequence record ROM or CD-I per record Very Sequence (Sequence Sequence S	duence Submission  orm (CRF)  e Listing on:  R (2 copies); or  dentity of above cor  LICATION PA  sheet & document  Power Attorner  Attorner  Copies  Citation  MPEP 503)  mized)  Cocument(s)  add)  Inder 35 U.S.C. 123  St attach form PTO	pies RTS  t(s)) of ey of IDS ns		
18. If a CONTINUING APPLICATION of the title, of the specification following the title, of the specific at the	ATION, check appropriate box, and su or in an Application Data Sheet under	ipply the requisite informat 37 CFR 1.76:	ion below and	in the first sentend	e or the		
Continuation			prior application	No.:			
Prior application information:  Examiner  For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.  The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS							
				pondence address	below		
X Customer Number:	26530	OR					
Name							
Address		State		Zip Code			
City Country		Telephone		Fax			
				32341			
Name (Print/Type) Vangeli/s Economou Registration No. (Attorney/Agent)					9/2003		

Signature This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (01-03)
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## FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (S

S)	790.	OC
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Complete if Known				
Application Number				
Filing Date	·			
First Named Inventor	Jung-seong PARK et al			
Examiner Name				
Art Unit				
Attorney Docket No.	CU-3338 VE			

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)					
X Check Credit card Money Other None	3. ADDITIONAL FEES					
Order Order		Entity	Small	Entity		
Deposit 12 0/00				Fee (\$)	Fee Description	Fee Paid
Account 12-0400	Code 1051	130	2051		Surcharge - late filing fee or oath	
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Account Ladas & Parry Name		. 426		130	cover sheet Non-English specification	
The Commissioner is authorized to: (check all that apply)		130 2,520	1053 1812		For filing a request for ex parte reexamination	
Charge fee(s) indicated below X Credit any overpayments		920*	1804	•	Requesting publication of SIR prior to	
X Charge any additional fee(s) during the pendency of this application		`			Examiner action	
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.		1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month	]
1. BASIC FILING FEE	1252	410	2252	205	Extension for reply within second month	
Large Entity Small Entity	1253	930	2253	465	Extension for reply within third month	
Fee Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)	1254	1,450	2254	725		
ADDA TEO DOOM OVE LIKELY SING FOR	1255	1,970	2255	985	Extension for reply within fifth month	
1001 750 2001 375 Othlity filing fee 750.	1401	320	2401	160	Notice of Appeal	
1003 520 2003 260 Plant filing fee	1402	320	2402		Filing a brief in support of an appeal	
1004 750 2004 375 Reissue filing fee	1403	280	2403		Request for oral hearing	
1005 160 2005 80 Provisional filing fee	1451 1452	1,510	1		Petition to institute a public use proceeding	
<b>SUBTOTAL (1)</b> (\$) 750.			2452		5 Petition to revive - unavoidable	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE		1,300	2453		Petition to revive - unintentional	
Fee from	1301	1,300	2501		Utility issue fee (or reissue)	
Total Claims 14 -20** = 0 X =	1502 1503		2502 2503		5 Design issue fee 5 Plant issue fee	
Independent 3 2** - () Y	1460		1460		Petitions to the Commissioner	
Claims		50	180		Processing fee under 37 CFR 1.17(q)	
Large Entity   Small Entity			180		Submission of Information Disclosure Stmt	
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1202 18 2202 9 Claims in excess of 20	1809		280		property (times number of properties) Filing a submission after final rejection	
1201 84 2201 42 Independent claims in excess of 3	1009	100	200	g 316	(37 CFR 1.129(a))	
1203 280 2203 140 Multiple dependent claim, if not paid	1810	750	281	0 375	5 For each additional invention to be examined (37 CFR 1.129(b))	·
1204 84 2204 42 ** Reissue independent claims over original patent	1801	750	2801	37		
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and over original patent			ı		of a design application	
<b>SUBTOTAL (2)</b> (\$) 0.		r fee (s <sub>l</sub>			r paid	//
**or number previously paid, if greater, For Reissues, see above	*Red	luced by	/ Basic	Filing I	Fee Paid SUBTOTAL (3) (\$)	40.
SUBMITTED BY (Complete (if applicable)						
Name (Print/Type) Vangelie Economou		Registra (Attorne)		o. 3	32341 Telephone (312)427	7-1300

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Signature

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